



Post Type No.	Anchor Bolts			Round Pile Pedestal				CIDH Pile				Foundation Depth * *		
	Bolt Circle	Bolt Total and Dia	Total Length	Dia	Vertical Reinforcing		Spiral		Pile Dia	Vertical Reinforcing			Spiral	
					Total	Bar Size	Bar Size	Pitch		Total	Bar Size		Bar Size	Pitch
II	2'-0"	12-2"	4'-2"	5'-3"	16	#10	#5	3½"	4'-6"	26	#10	#5	3½"	14'-9"
III	2'-0"	12-2"												16'-0"
IV	2'-0"	12-2"												18'-0"
V	2'-10"	14-2"												19'-0"
VI		16-2½"	5'-0"	5'-9"		#11			5'-0"	28	#11			22'-0"
VII														23'-0"
VIII														25'-0"
IX														25'-0"

* * Use Foundation Depth shown in table unless otherwise shown on the Project Plans.

NOTES:

1. For anchor bolt layout, see Standard Plan S3.
2. For "Base E elevation" see Project Plans.
3. Prior to erection of the post, backfill which is equivalent to the surrounding material shall be in place.
4. Pedestal shall be formed 6" minimum below ground surface. Remainder to be placed against undisturbed material.
5. Slope protection required when indicated on the Project Plans.
6. Foundation design is based on 2001 AASHTO article 13.6 Broms' approximate procedure assuming a cohesionless material. The angle of internal friction used is 30 degree and unit weight of soil used is 120 lb/ft³.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGNS-TRUSS SINGLE POST TYPE ROUND PEDESTAL PILE FOUNDATION

NO SCALE

S8

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

REGISTERED CIVIL ENGINEER

May 1, 2006
PLANS APPROVAL DATE

Jeffrey B. Moody
No. 041260
Exp. 3-31-07
CIVIL
STATE OF CALIFORNIA

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To get to the Caltrans web site, go to <http://www.dot.ca.gov>